

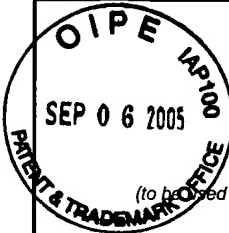
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PTO/SB/21 (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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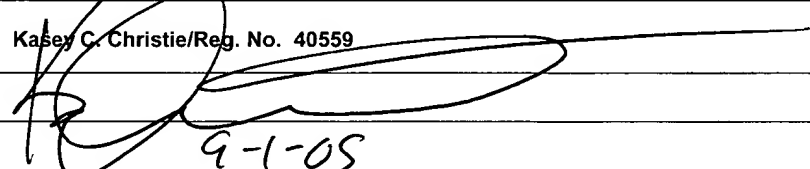
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 <b>TRANSMITTAL FORM</b>	Application Number	09/843,254
	Filing Date	4/24/2001
	First Named Inventor	Mehmet Kivanc Mihcak
	Group Art Unit	2132
	Examiner Name	LINH L D SON
Total Number of Pages in This Submission	Attorney Docket Number	MS1.0645US

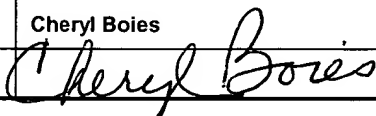
**ENCLOSURES (check all that apply)**

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to Group ( <i>Appeal Notice, Brief, Reply Brief</i> )
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) ( <i>please identify below</i> ):
<input type="checkbox"/> Certified Copy of Priority Documents	<input type="checkbox"/> Request for Refund	Form 1449, 20 References, Return Receipt Postcard
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	<input type="checkbox"/> CD, Number of CD(s)	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	Remarks	

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

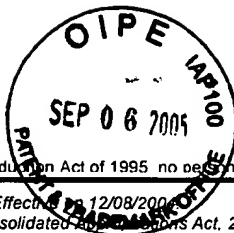
Firm or Individual Name	Kasey C. Christie/Reg. No. 40559
Signature	
Date	9-1-05

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I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.	
Typed or printed name	Cheryl Boies
Signature	
Date	9-1-05

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PTO/SB/17 (12-04)

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Effective 12/08/2000

Fees pursuant to the Consolidated Patent Laws Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL

## For FY 2005

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$)**180.00****Complete if Known**

Application Number	09/843,254
Filing Date	4/24/2001
First Named Inventor	Mehmet Kivanc Mihcak
Examiner Name	LINH L D SON
Art Unit	2132
Attorney Docket No.	MS1 0645US

**METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_☒ Deposit Account Deposit Account Number: 12-0769 Deposit Account Name: Lee & Hayes, PLLC

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

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**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

<b>Total Claims</b>	<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>	<b>Multiple Dependent Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>
- 20 or HP =	x	50	=			

HP = highest number of total claims paid for, if greater than 20

<b>Indep. Claims</b>	<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>			
- 3 or HP =	x	200	=			

HP = highest number of independent claims paid for, if greater than 3

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

<b>Total Sheets</b>	<b>Extra Sheets</b>	<b>Number of each additional 50 or fraction thereof</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>
- 100 =	/ 50 =	(round up to a whole number) x	=	

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other: Information Disclosure Statement

**Fees Paid (\$)**

180.00

**SUBMITTED BY**

Signature

Registration No. 40559  
(Attorney/Agent)

Telephone (509) 324-9256

Name (Print/Type) Kasey C. Christie

Date 9-1-05

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Serial No. ....09/843,254  
Filing Date .....4/24/2001  
Confirmation No. ....7356  
Inventorship ..... Mehmet Kivanc Mihcak  
Applicant ..... Microsoft Corporation  
Group Art Unit .....2132  
Examiner ..... LINH L D SON  
Attorney's Docket No. ....MS1-0645US  
Title: Recognizer of Audio-Content in Digital Signals

**INFORMATION DISCLOSURE STATEMENT**

**References -- See Attached Form PTO-1449**

To: Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

From: Kasey C. Christie (Tel. 509-324-9256; Fax 509-323-8979)  
Lee & Hayes, PLLC  
421 W. Riverside Avenue, Suite 500  
Spokane, WA 99201

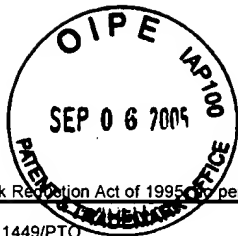
The attached form PTO-1449 is submitted in compliance with Applicant's duty of disclosure under 37 CFR §1.56. The Examiner is requested to make these citations of official record in this application.

The Commissioner is hereby authorized to charge payment of fees or credit overpayments to Deposit Account No. 12-0769 as set forth in 37 CFR §1.17(p).

Dated: 9-1-05

By:   
Kasey C. Christie  
Reg. No. 40559

09/07/2005 RFEKADU1 00000001 120769 09843254  
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**Complete if Known****INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 2

Application Number	09/843,254
Filing Date	4/24/2001
First Named Inventor	Mehmet Kivanc Mihcak
Art Unit	2132
Examiner Name	LINH L D SON
Attorney Docket Number	MS1 0645US

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 20020126872	9/12/2002	Brunk, Hugh L.	
		US- 5802518	9/01/1998	Karaev et al.	
		US- 6522767	2/18/2003	Moskowitz et al.	
		US- 6532541	3/11/2003	Chang, et al.	
		US- 6625295	9/23/2003	Wolfgang, et al.	
		US- 6647128	11/11/2003	Rhoads	
		US- 6674861	1/6/2004	Xu, et al.	
		US- 6701014	3/2/2004	Syeda-Mahmood	
		US- 6768809	7/27/2004	Rhoads, et al.	
		US- 6799158	9/28/2004	Fischer, et al.	
		US- 6839673	1/4/2005	Choi, et al.	
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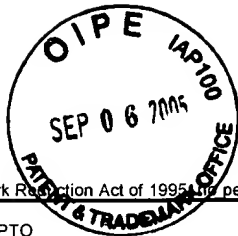
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	09/843,254
Filing Date	4/24/2001
First Named Inventor	Mehmet Kivanc Mihcak
Art Unit	2132
Examiner Name	LINH L D SON
Attorney Docket Number	MS1 0645US

Sheet 2 of 2

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Lin et al., "A Robust Image Authentication Method Distinguishing JPEG Compression from Malicious Manipulation", IEEE Transactions, Feb. 2001, Volume 11, No. 2, pp. 153-168	
		Schneider et al., "A Robust Content Based Digital Signature for Image Authentication", Proceedings, International Conference, Sept. 1996, Vol. 3, pp. 227-230	
		M. K. Mihcak and R. Venkatesan, "A tool for robust audio information hiding: A perceptual audio hashing algorithm," submitted to Workshop on Information Hiding, Pittsburgh, PA, 2001.	
		T. Kalker and J. Haitsma, "Efficient detection of a spatial spread-spectrum watermark in MPEG video streams," Proc. IEEE ICIP, Vancouver, Canada, September 2000.	
		I. J. Cox, J. Killian, T. Leighton, and T. Shamon, "A secure robust watermark for multimedia," Information Hiding Workshop, University of Cambridge, pp. 185-206, 1996.	
		J. Dittman, M. Stabenau and R. Steinmetz, "Robust MPEG video watermarking technologies," Proceedings of ACM Multimedia '98, The 6th ACM International Multimedia Conference, Bristol, England, pp. 71-80.	
		M. D. Swanson, B. Zhu and B. Chau, "Object based transparent video watermarking," Proceedings of IEEE Signal Processing Society 1997 Workshop on Multimedia Signal Processing, June 23 - 25, 1997, Princeton, New Jersey, USA.	
		F. A. P. Petitcolas and R. J. Anderson, "Evaluation of copyright marking systems," Proceedings of IEEE Multimedia Systems'99, vol. 1, pp. 574-579, 7-11 June 1999, Florence, Italy.	
		B. Chen and G. W. Wornell, "Digital watermarking and information embedding using dither modulation," Proc. IEEE Workshop on Multimedia Signal Processing, Redondo Beach, CA, pp. 273-278, Dec. 1998.	

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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